

Presented to:
Missouri Department of
Natural Resources

Use Attainability Analysis

City of Moberly

Tributary to Coon Creek Coon Creek Sweet Springs Creek

July 8, 2005

Submitted by:
Jacobs Civil Inc.
501 N. Broadway
St. Louis MO 63102



RECEIVED

JUL 11 2005

Field Data Sheets for Recreational Use Stream Surveys

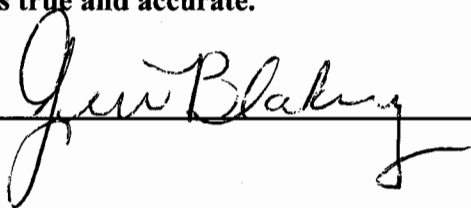
WATER PROTECTION PROGRAM

Data Sheet A - Water Body Identification

Water Body Name: (from USGS 7.5' quad)	tributary to Coon Creek		
8-digit HUC:	07110006		
Missouri WBID #:	133		
County:	Randolph		
Upstream Legal Description:	SW1/4, SW1/4, SEC32, T54N, R13W		
Downstream Legal Description:	SW1/4, SE1/4, DEC33, T54N, R13W		
Upstream Coordinates: (UGS 84, ddd.ddddd)	LAT	39.4241	LONG -92.3906
Downstream Coordinates: (UGS 84, ddd.ddddd)	LAT	39.4256	LONG -92.3723
Discharger Facility Name(s):	City of Moberly		
Discharger Permit Number(s):	MO-0117960		
Number of Sites Evaluated:	2		
Name of Surveyor and Telephone Number:	Geri Blakey 660-263-7164		
Organization:	City of Moberly		
Position:	Water Quality Coordinator		

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

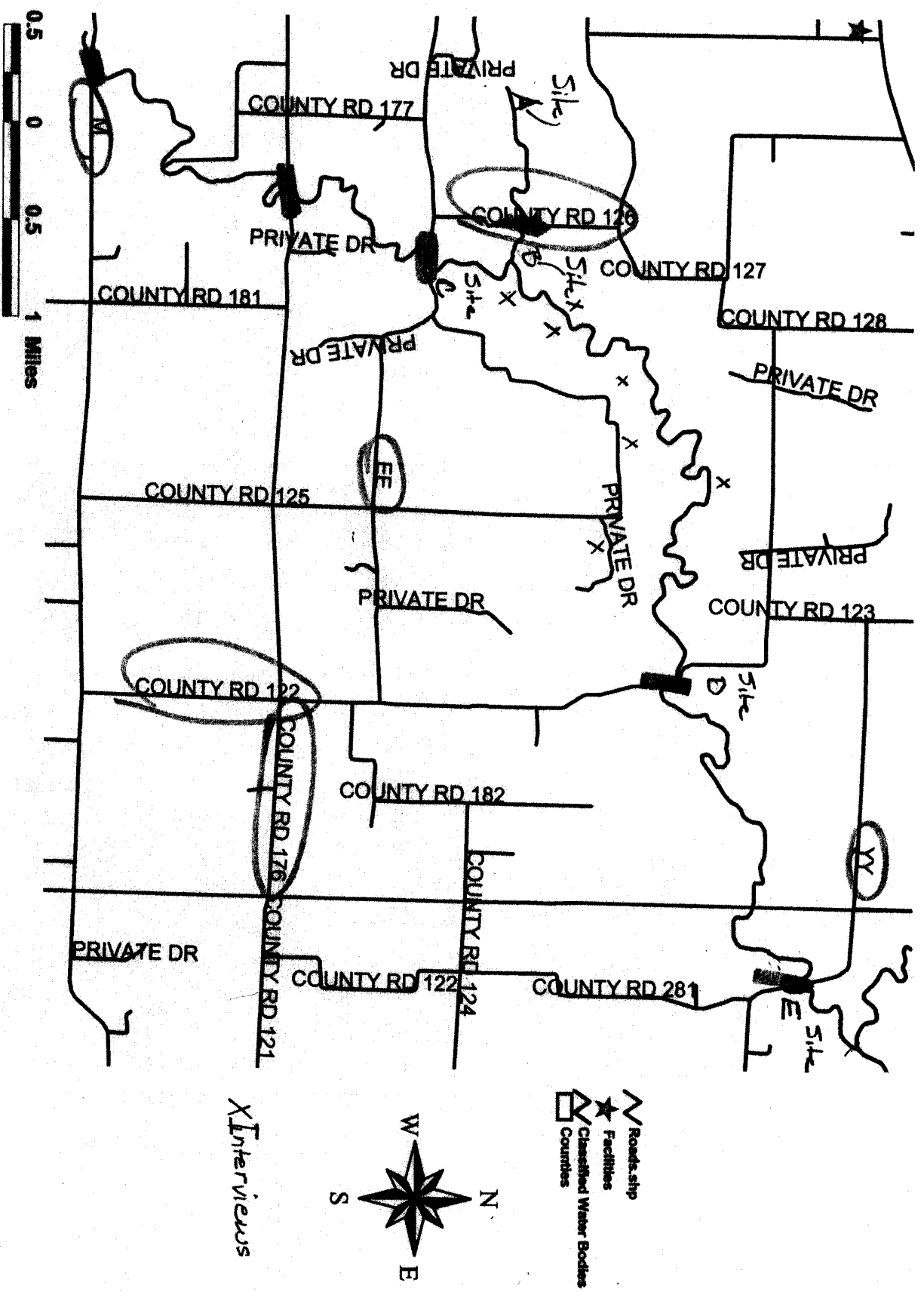
Signed: _____



Date: _____

07-08-05

Coon Cr. (C) #0132 & Trib. to Coon Cr (C) #0133



Site
A

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: 133		Site Location Description:	
Site GPS Coordinates: Lat:39.4241 Long:-92.3906		private property 1 mile downstream of WWTF outfall #003, upstream of WWTF outfall #001	
Date & Time: 5/27/05 14:30		Facility Name: City of Moberly Wastewater Treatment Facility	
Personnel: Geri Blakey		Permit Number: MO-0117960	
Current Weather Conditions: PC		Weather Conditions for Past 7 days: 5/22/05 .52 inch rain (1)	
Photo Ids: Upstream: #20	Downstream: #21	Other: #19 approach to site	

(1) clear to partly cloudy the rest of the week

Uses Observed*:

Swimming	Skin diving	SCUBA diving	Tubing	Water skiing
Wind surfing	Kayaking	Boating	Wading	Rafting
Hunting	Trapping	Fishing	X None of the above	Other:

Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)

2 deerstands approximately 60-70 yards apart approximately 30-40 yards from east side of creek bank.
No foot paths to creek bank.

Surrounding Conditions*: (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.)

City/county parks	Playgrounds	MDC conservation lands	Urban areas	Campgrounds
Boating accesses	State parks	National forests	Nature trails	Stairs/walkway
No trespass sign	Fence	X Steep slopes	Other:	

Evidence of Human Use*:

Roads	Foot paths/prints	Dock/platform	Livestock Watering	X RV / ATV Tracks
Rope swings	Camping Sites	Fire pit/ring	NPDES Discharge	Fishing Tackle

X Other: deer stands. ATV tracks lead to deerstands

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

*Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Site
A

Stream Morphology:

Upstream View Physical Dimensions:

x Riffle	Width (ft): 4	Length (ft): 5	Avg. Depth (ft): 2 in.	Max. Depth (ft): 4 in.
x Run	Width (ft): 4-6	Length (ft): 6	Avg. Depth (ft): 3 in.	Max. Depth (ft): 4 in.
Pool	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
x Flow	Present?	x Yes No	Estimated (ft ³ /sec): very slow	

Downstream View Physical Dimensions:

x Riffle	Width (ft): 3	Length (ft): 3	Avg. Depth (ft): 2 in.	Max. Depth (ft): 4 in.
Run	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Pool	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
x Flow	Present?	x Yes No	Estimated (ft ³ /sec): very slow	

Substrate*: (These values should add up to 100%.)

% Cobble	10	% Gravel	30	% Sand	20	% Silt	40	% Mud/Clay	% Bedrock
----------	----	----------	----	--------	----	--------	----	------------	-----------

Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site)

Water Characteristics*: (Mark all that apply.)

Odor:	Sewage	Musky	Chemical	x None	Other: (1) clear to partly c
Color:	x Clear	Green	Gray	Milky	Other:
Bottom Deposit:	Sludge	Solids	Fine sediments	x None	Other:
Surface Deposit:	Oil	Scum	Foam	x None	Other:

Comments: Please attach additional comments (including information from interviews) to this form.

*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that effect another use.

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed: Jim Blahy Date: 07-08-05
 Organization: City of Moberly Position: Water Quality Coordinator



A – upstream #20



A – downstream #21



A – approach to stream #19

Site
B

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: 133		Site Location Description:	
Site GPS Coordinates: Lat: 39.4258 Long: -92.3723		CR2350 bridge crossing for WBID133 tributary to Coon Creek S.E. of WWTF outfall #001	
Date & Time: 5/27/05		Facility Name: City of Moberly Wastewater Treatment Facility	
Personnel: Geri Blakey		Permit Number: MO-0117960	
Current Weather Conditions: clear		Weather Conditions for Past 7 days: 5/22/05 .52 inch rain (1)	
Photo Ids: Upstream: #18	Downstream: #16	Other:	

(1) clear to partly cloudy the rest of the week

Uses Observed*:

Swimming	Skin diving	SCUBA diving	Tubing	Water skiing
Wind surfing	Kayaking	Boating	Wading	Rafting
Hunting	Trapping	Fishing	<input checked="" type="checkbox"/> None of the above	Other:

Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)

Surrounding Conditions*: (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.)

City/county parks	Playgrounds	MDC conservation lands	Urban areas	Campgrounds
Boating accesses	State parks	National forests	Nature trails	Stairs/walkway
No trespass sign	Fence	<input checked="" type="checkbox"/> Steep slopes	Other:	

Evidence of Human Use*:

Roads	Foot paths/prints	Dock/platform	Livestock Watering	RV / ATV Tracks
Rope swings	Camping Sites	Fire pit/ring	NPDES Discharge	Fishing Tackle
Other: None. <i>As per Geri Blakey 1/10/05</i>				

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

*Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

site
B

Stream Morphology:

Upstream View Physical Dimensions:

Rifle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
x Run	Width (ft): 4	Length (ft): 100+	Avg. Depth (ft): 3 in.	Max. Depth (ft): 5 in.
Pool	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
x Flow	Present?	x Yes No	Estimated (ft ³ /sec): slow	

Downstream View Physical Dimensions:

x Rifle	Width (ft): 3	Length (ft): 6-8	Avg. Depth (ft): 2 in.	Max. Depth (ft): 4 in.
x Run	Width (ft): 5	Length (ft): before/after riffle	Avg. Depth (ft): 3 in.	Max. Depth (ft): 6 in.
Pool	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
x Flow	Present?	x Yes No	Estimated (ft ³ /sec): slow	

Substrate*: (These values should add up to 100%.)

% Cobble	10 % Gravel	30 % Sand	20 % Silt	40 % Mud/Clay	% Bedrock
----------	-------------	-----------	-----------	---------------	-----------

Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site)

some algae

Water Characteristics*: (Mark all that apply.)

Odor:	Sewage	Musky	Chemical	None	Other: (1) clear to partly c
Color:	Clear	Green	Gray	Milky	Other:
Bottom Deposit:	Sludge	Solids	Fine sediments	None	Other:
Surface Deposit:	Oil	Scum	Foam	None	Other:

Comments: Please attach additional comments (including information from interviews) to this form.

*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that effect another use.

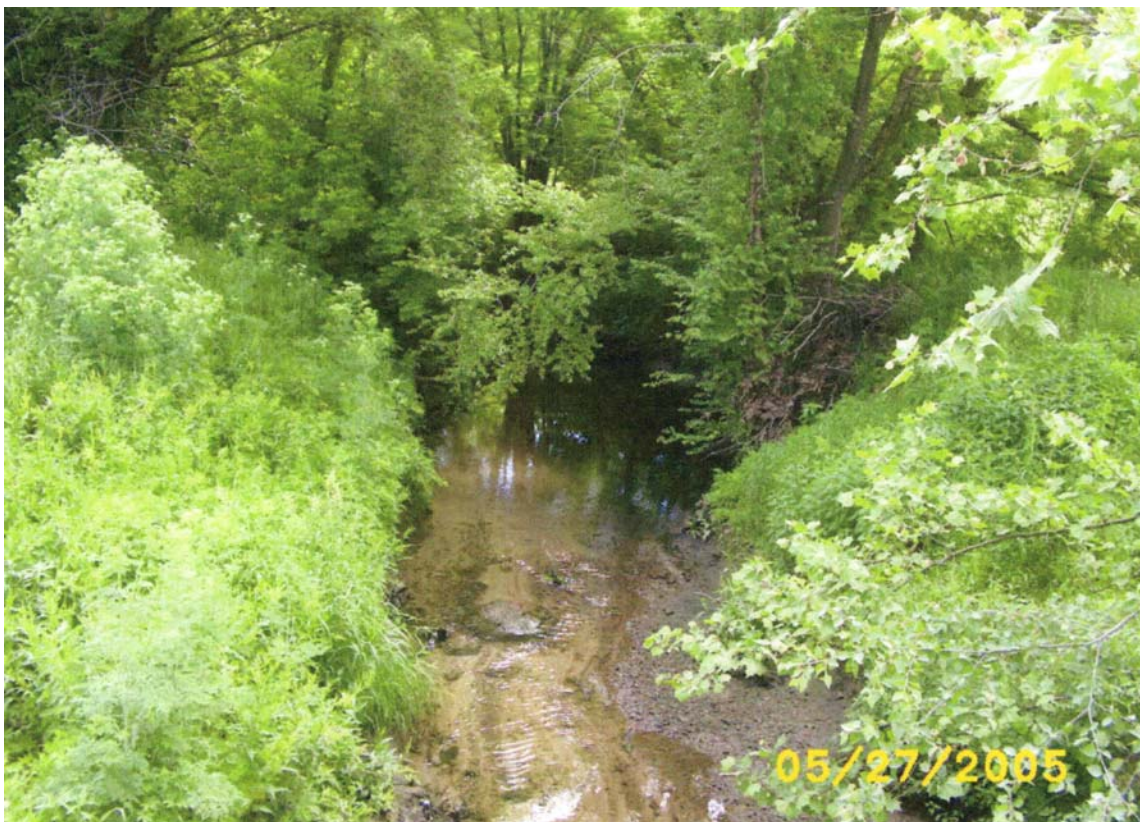
I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed: Jim Blaney Date: 07-08-05

Organization: City of Moberly Position: Water Quality Coordinator



B – upstream #18



B – downstream #16